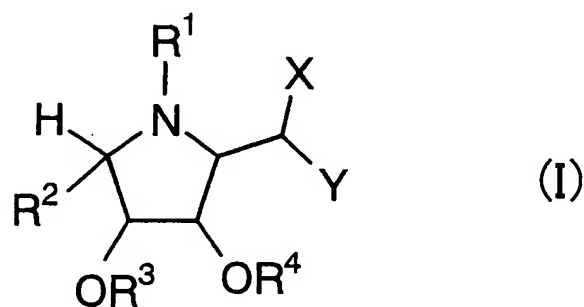


Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

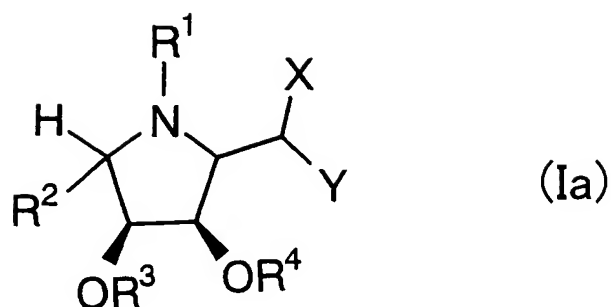
Listing of Claims:

1. (Original) A compound represented by the formula (I) or a salt thereof:



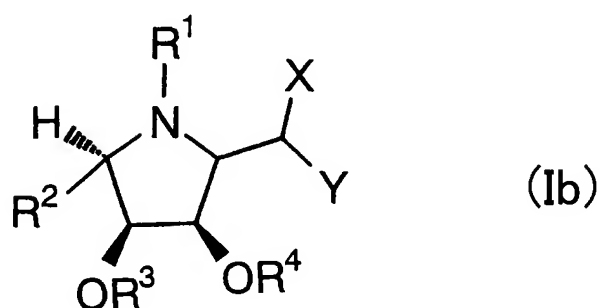
wherein R¹ represents a hydrogen atom, a C₁₋₁₀ alkyl group optionally having a substituent, or a protecting group of N; R² represents a C₁₋₁₀ alkyl group optionally having a substituent or a C₂₋₁₀ alkenyl group optionally having a substituent; R³ and R⁴ independently represent a hydrogen atom or a protecting group of hydroxyl group; X represents -N(R⁵)R⁶ or a residue of amino acid or of an amino group of a peptide wherein R⁵ and R⁶ independently represent a hydrogen atom, a C₁₋₁₀ alkyl group optionally having a substituent, or a C₃₋₁₂ cycloalkyl group optionally having a substituent; and Y represents a hydrogen atom, -CH₂NH₂, -CONH₂, or -COOH.

2. (Original) The compound according to claim 1 or a salt thereof, wherein the configuration of the formula (I) is represented by the following formula (Ia):



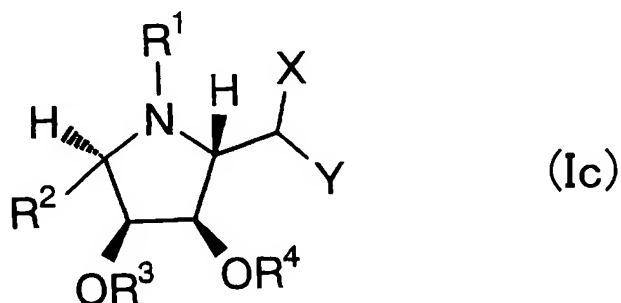
wherein R^1 , R^2 , R^3 , R^4 , X, and Y are as defined in claim 1.

3. (Original) The compound according to claim 1 or a salt thereof, wherein the configuration of the formula (I) is represented by the following formula (Ib):



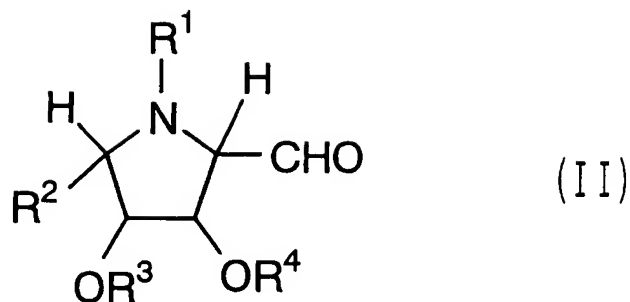
wherein R^1 , R^2 , R^3 , R^4 , X, and Y are as defined in claim 1.

4. (Original) The compound according to claim 1 or a salt thereof, wherein the configuration of the formula (I) is represented by the following formula (Ic):



wherein R^1 , R^2 , R^3 , R^4 , X, and Y are as defined in claim 1.

5. (Currently Amended) The compound according to claim 1 ~~any one of claims 1 to 4~~ or a salt thereof, wherein R^2 represents $-CH_2OR^{12}$ wherein R^{12} represents a hydrogen atom or a protecting group of hydroxyl group.
6. (Currently Amended) An inhibitor of sugar chain related enzymes which comprises the compound of claim 1 ~~any of claims 1 to 5~~ or a salt thereof.
7. (Currently Amended) A medicine which comprises, as an active ingredient, the compound of claim 1 ~~any of claims 1 to 5~~ or a salt thereof.
8. (Original) The medicine according to claim 7 which is a medicine for the therapy or prevention of diseases associated with sugar chain related enzymes.
9. (Currently Amended) The medicine according to claim 7 ~~or 8~~ which is used as an antiviral agent, an anticancer agent, or an immunostimulant agent.
10. (Original) A method for producing a compound represented by the formula (I) according to claim 1 which comprises a step of reacting a compound represented by the formula (II):

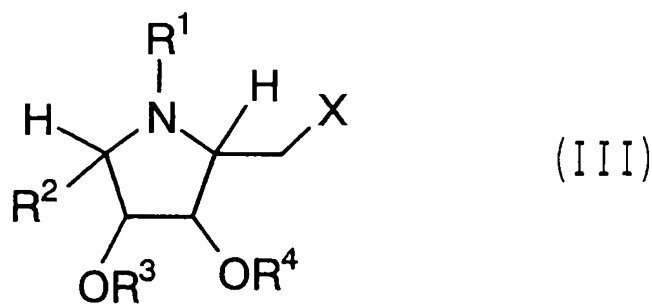


wherein R^1 represents a hydrogen atom, a C_{1-10} alkyl group optionally having a substituent, or a protecting group of N; R^2 represents a C_{1-10} alkyl group optionally having a substituent or a C_{2-10} alkenyl optionally having a substituent; and R^3 and R^4 independently represent a hydrogen atom or a protecting group of hydroxyl group;

with a compound represented by the formula X-H:

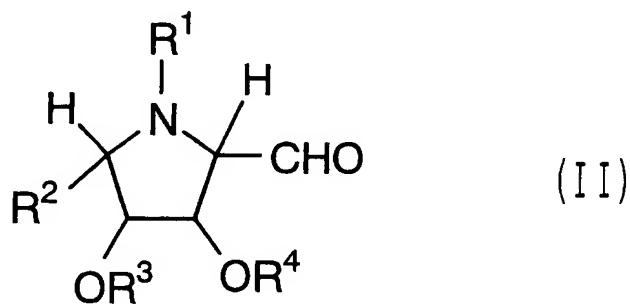
wherein X represents $-N(R^5)R^6$ or a residue of amino acid or of an amino group of a peptide, and R^5 and R^6 independently represent a hydrogen atom, a C_{1-10} alkyl group optionally having a substituent, or a C_{3-12} cycloalkyl group optionally having a substituent;

in the presence of a reducing agent, to produce a compound represented by the formula (III):



wherein R^1 , R^2 , R^3 , R^4 and X are as defined above.

11. (Original) A method for producing a compound represented by the formula (I) according to claim 1 which comprises a step of reacting a compound represented by the formula (II):

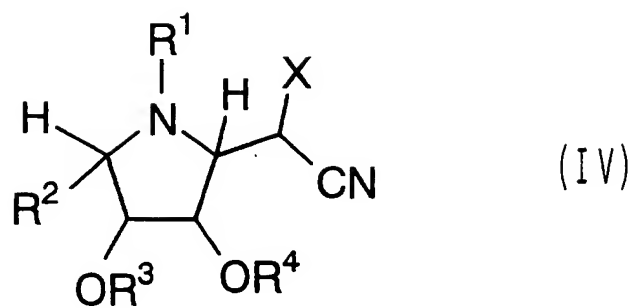


wherein R¹ represents a hydrogen atom, a C₁₋₁₀ alkyl group optionally having a substituent, or a protecting group of N; R² represents a C₁₋₁₀ alkyl group optionally having a substituent or a C₂₋₁₀ alkenyl optionally having a substituent; and R³ and R⁴ independently represent a hydrogen atom or a protecting group of hydroxyl group;

with a compound represented by the formula X-H:

wherein X represents -N(R⁵)R⁶ or a residue of amino acid or of an amino group of a peptide, and R⁵ and R⁶ independently represent a hydrogen atom, a C₁₋₁₀ alkyl group optionally having a substituent, or a C₃₋₁₂ cycloalkyl group optionally having a substituent;

and a cyanation agent in the presence of Lewis acid, to produce a compound represented by the formula (IV):



wherein R^1 , R^2 , R^3 , R^4 and X are as defined above.